

# Noli Bernard Brazil

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## EDUCATION

University of California, Berkeley Ph.D. Demography	2008 - 2013
California State University, San Francisco Graduate Certificate, Geographic Information Systems	2010 - 2013
Stanford University Master of Science, Statistics	2005 - 2007
University of California, Berkeley Bachelor of Science, Business Administration	1999 - 2003

## POSITIONS HELD

Assistant Professor Department of Human Ecology University of California, Davis	2017-Present
Postdoctoral Scholar Spatial Sciences Institute University of Southern California	2015-2017
Postdoctoral Associate Center for Research on Inequalities and the Life Course Yale University	2013-2015

## RESEARCH INTERESTS

Neighborhood Inequality, Residential Mobility, Hispanic Migration, Spatial Demography, Sociology of Education, Quantitative Methods, Urban Change

## PUBLICATIONS

### REFEREED JOURNAL ARTICLES

Bastomski, Sara, Noli Brazil, & Andrew Papachristos. "Neighborhood co-offending networks, structural embeddedness, and violent crime in Chicago." *Social Networks*. In Press

Brazil, Noli, & William A.V. Clark. "Individual mental health, life course events and dynamic neighbourhood change during the transition to adulthood." *Health & Place*, 45, 99-109. 2017

Brazil, Noli. "Spatial Variation in Mortality Rates in New and Established Hispanic U.S. Destinations." *Population Space and Place*, 23(1), e1968. 2017

Brazil, Noli & David Kirk. "Uber and Metropolitan Traffic Fatalities in the United States." *American Journal of Epidemiology*, 184(3), 192-198. 2016

- Covered by *Washington Post*, *National Public Radio*, *Fortune*, *CNN*, *The Atlantic*, *Los Angeles Weekly*

Brazil, Noli. "The Effects of Social Context on Youth Outcomes: Studying Neighborhoods and Schools Simultaneously." *Teachers College Record*, 118(7), 1-30. 2016

Davis, Jason & Noli Brazil. "Decoupling Parental Absences from Remittances in Economic Migration: The Case of Educational Attainment in Guatemala." 2016  
*International Journal of Educational Development*, 50, 1-11.

Brazil, Noli. "Large-Scale Urban Riots and Racial Segregation: A Case Study of the 1960s Riots." 2016  
*Demography*, 53(2), 567-595.

Davis, Jason & Noli Brazil. "Migration, Remittances and Nutrition Outcomes of Left-Behind Children: A National-Level Quantitative Assessment of Guatemala." 2016  
*PLoS ONE*, 11(3): e0152089.

Vega, Alma & Noli Brazil. "A Multistate Life Table Approach to Understanding Return and Reentry Migration between Mexico and the United States during Later Life." 2015  
*Demographic Research*, 33(43), 1211-1240.

Munnich, E., Ranney, M., Nelson, J., Garcia de Osuna, J., Brazil, N. "Policy Shift Through Numerically-Driven Inferencing: An EPIC Experiment About When Base Rates Matter." In R. Alterman & D. Kirsh (Eds.), *Proceedings of the Twenty-Fifth Annual Conference of the Cognitive Science Society* (pp. 834-839). Mahwah, NJ: Erlbaum 2003

#### BOOK CHAPTERS

Brazil, Noli. "The Effects of Public School Closures on Neighborhood Housing Values" In Press  
In *The Costs of School Closure: Context and Consequences*, ed. Ebony M. Duncan.

Brazil, Noli. "Using Place-and Person-Based Interventions to Measure Neighborhood Effects." 2016  
In *Recapturing Space: New Middle-Range Theory in Spatial Demography*, eds. Frank M. Howell, Jeremy R. Porter, and Stephen A. Matthews. Dordrecht: Springer.

#### UNDER REVIEW

"Schools as Neighborhood Institutions: The Importance of School Satisfaction in Explaining Adolescent Neighborhood Satisfaction." *City & Community* R & R

"Residential Mobility and Dynamic Neighborhood Change during the Transition to Adulthood" (with William A.V. Clark). *Advances in Life Course Research* R & R

#### IN PREPARATION

"Social Comparison Goes to College: Mental Well-Being and Peer Ability Change across the Postsecondary Transition" (with Matthew Andersson).

"Spatial Inequality in Degree Attainment during US Educational Expansion"

"Neighborhood Satisfaction, Collective Efficacy and Neighborhood Disorder in New and Established Hispanic Destinations"

"Understanding the Crime Gap: Violence and Inequality in an American City" (with Andrew Papachristos and Tony Cheng).

"The Effects of School Closures on School District Segregation."

"Entrances and Exits from Neighborhood Poverty and Affluence: Does Inequality Increase or Decrease During the Transition to Adulthood?" (with William A.V. Clark).

"Race and Ethnic Choices by Millennial Young Adults: Evidence from the Add Health Panel." (with William A.V. Clark).

## SELECTED RESEARCH REPORTS

- Williams, T., Hakuta, K., Haertel, E., et al. (2007). Similar English Learner Students, Different Results: Why Do Some Schools Do Better? Mountain View, CA: EdSource. 2007  
Available at <https://www.edsource.org/pdf/SimELreportcomplete.pdf>.
- California's Charter Schools: How Are They Performing? (2006) Mountain View, CA: EdSource 2006  
(with Brian Edwards and Eric Crane)
- Williams, T., Kirst, M., Haertel, E., et al. (2005). Similar Students, Different Results: Why Do Some Schools Do Better? A large-scale survey of California elementary schools serving low income students. Mountain View, CA: EdSource 2005
- Spotlight on California High School Performance (2005). Mountain View, CA: EdSource 2005  
(with Susan Frey, Mary Perry, and Isabel Oregon)
- How Are California's Charter Schools Performing? (2005) Mountain View, CA: EdSource 2005  
(with Brian Edwards and Eric Crane)

## MEDIA COVERAGE

- KCBS radio, San Francisco. Live interview. "Uber and Metropolitan Traffic Fatalities in the United States." July 31, 2016

## TEACHING EXPERIENCE

- Spatial Sciences Institute, University of Southern California 2016-2017  
Guest Lecturer: Maps and Spatial Reasoning (Undergraduate)  
Guest Lecturer: Data Mining (Graduate)
- Social Sciences Data Laboratory, University of California, Berkeley 2013  
Instructor: Introduction to Stata (Workshop)  
Instructor: Introduction to Regression using Stata (Workshop)  
Instructor: Introduction to Regression using R (Workshop)  
Instructor: Spatial Statistics (Workshop)
- Dept. of Economics, University of California, Berkeley Spring 2013  
Reader: Economic Demography (Undergraduate)
- Dept. of Sociology, University of California, Berkeley Fall 2010  
Graduate Student Instructor: Intermediate Quantitative Analysis (Graduate)
- Dept. of Statistics, University of California, Berkeley Spring 2010  
Graduate Student Instructor: Experimental Design and Sampling Surveys (Undergraduate)
- Dept. of Demography, University of California, Berkeley Fall 2009  
Graduate Student Instructor: Demographic Methods (Undergraduate)
- Project Read, Redwood City, CA 2006-2008  
Math and Statistics Tutor

## WORK EXPERIENCE

- Family and Children Services, San Mateo, CA 2009 - 2015  
Statistical Consultant
- United Nations Children's Fund (UNICEF), New York, NY 2011-2013  
Research Consultant

Urban Analytics, San Francisco, CA Simulation Demographer	2011
Institute for Research on Education Policy & Practice, Stanford, CA Data Analyst	2007 - 2008
EdSource, Mountain View, CA Research Analyst	2003 - 2007
School of Medicine, Stanford University, Stanford, CA Research Assistant to Professor Elizabeth Mellins	2007
Dept. of Cognitive Science, UC Berkeley, Berkeley, CA Research Assistant to Professor Michael Ranney	2002 - 2003

## **AWARDS AND FELLOWSHIPS**

Dean's Normative Time Fellowship, UC Berkeley	2011-2012
Graduate Division Summer Research Grant, UC Berkeley	2011
Outstanding Graduate Student Instructor Award, UC Berkeley	2011
Advanced Spatial Analysis Workshop Travel Award, UC Santa Barbara	2009
National Institute of Child Health and Human Development Fellowship	2008-2009
Undergraduate Research Apprentice Program Summer Fellowship, UC Berkeley	2003

## **CONFERENCE PARTICIPATION AND INVITED TALKS**

"Entrances and Exits from Neighborhood Poverty and Affluence: Does Inequality Increase or Decrease During the Transition to Adulthood" Population Association of America conference	2017
"The Effects of Public School Closures on School District Segregation" Department of Sociology, University of Southern California	2017
"The Effects of Public School Closures on Neighborhood Housing Values" Department of Human Ecology, University of California, Davis School of Human Evolution and Social Change, Arizona State University American Educational Research Association conference	2017
"A Spatial Analysis of Street-level Crime Trends in Los Angeles" University of Southern California, Spatial Sciences Institute	2017
"Poverty Clusters and Affluent Enclaves: A Spatio-Temporal Approach to Understanding Poverty and Affluence Concentration in U.S. Metropolitan Areas" Association of American Geographers conference	2016
"Life Course Events, Residential Mobility, and Neighborhood Change" Population Association of America conference	2015
Yale University CIQLE Workshop	2014
"Large-Scale Urban Riots and Residential Segregation" Department of Sociology and Anthropology, Saint Louis University University of Southern California, Spatial Sciences Institute Social Science History Association conference	2015
	2014
"Decoupling Parental Absences from Remittances in Economic Migration: The Case of Educational Attainment in Guatemala" Population Association of America conference	2014
"Migration, Remittances and Nutrition Outcomes of Left-Behind Children: A National-Level Quantitative Assessment of Guatemala" Population Association of America conference	2014
"A Comparison of UN and IHME Maternal Mortality Estimates"	2013

Population Association of America conference	
"Using Riot Shocks to Estimate the Consequences of Lower Neighborhood Quality on Adolescent Dropout Rates"	2013
Yale University CIQLE Workshop	
UC Berkeley Demography Department Seminar	
Population Association of America conference	
"Understanding Differences Between Person and Place Based Neighborhood Interventions through Direct and Indirect Effects"	2013
International Union for the Scientific Study of Population conference	
"Relative Cohort Size and Student Achievement: A Test of Easterlin's Hypothesis"	2012
American Sociological Association conference	
"Modeling Student Pathways in K-16 Public Schooling Using Life-Table Theory"	2011
American Educational Research Association conference	

### **ADDITIONAL TRAINING**

University of California, Santa Barbara	2009
Advanced Spatial Analysis Workshop - Regression Modeling	

### **PROFESSIONAL SERVICE**

Session Organizer and Discussant: Migration and Children	2017
Association of American Geographers conference	
Panelist: GIS and Public Safety (webinar)	2017
University of Southern California, Spatial Sciences Institute	
Session Chair: From the Assembly Line to the Courtroom and Beyond	2016
Social Science History Association conference	
Panelist: Applying for Postdocs in the Humanities and Social Sciences	2015
Yale University	
Session Chair: "Residential Segregation Outside the United States"	2011
Population Association of America conference	
Reviewer: American Journal of Public Health, Demography, Sociology of Education, Social Science & Medicine, Socius, Spatial Demography, National Science Foundation (Program on Economics)	
Membership: Population Association of America, American Sociological Association, Association of American Geographers, Social Science History Association	

### **PROGRAMMING EXPERIENCE**

Statistics/Math Packages: R, SPSS, Stata, Matlab, SAS  
 Scripting Language: Python (elementary)  
 Other Programming Skills: JAVA, HTML, MS-Office, Latex, UNIX, ArcGIS, GeoDa, QGIS